

# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

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WASHINGTON, D.C. 20554

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News media information 202/418-0500 Fax-On-Demand 202/418-2830

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## Report No. 416                      EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 8/1/08 to 9/1/08:

- **WE2XJP ARINC INCORPORATED 0517-EX-PL-2007**  
New experimental to operate on various frequencies between 2.01 MHz and 1999.99 MHz to calibrate and test an airborne receiver system.  
Mobile: Yukon (Canadian), Oklahoma
- **WE2XMM LOCKHEED MARTIN CORPORATION 0295-EX-PL-2007**  
New experimental to operate in 30-74.6 MHz and 75.4-88 MHz for testing a counter fire target acquisition and tracking radar system under US Army contract.  
Mobile: Liverpool (Onondaga), NY
- **WE2XQF THE BOEING COMPANY 0020-EX-PL-2008**  
New experimental to operate in 136.2167-136.2583 MHz for evaluating channels for flight test frequencies.  
Mobile: St Louis, MO. Surface to 50,000 feet
- **WE2XQL THE BOEING COMPANY 0408-EX-PL-2007**  
New experimental to operate in various bands between 137 MHz and 174 MHz for equipment testing.  
Mobile: Huntsville-Madison County Jetport
- **WE2XRR CALIFORNIA, STATE OF 0688-EX-PL-2007**  
New experimental to operate on 401.8105 MHz, 401.9125 MHz, 401.9155 MHz and 401.9275 MHz for weather data collection.  
Mobile: Statewide CA
- **WE2XQC THE BOEING COMPANY 0136-EX-PL-2008**  
New experimental to operate in various frequency bands between 460 MHz and 2170 MHz for testing GSM Pico Cell operations.  
Mobile: Moses Lake, WA; Glasgow, MT; Klamath Falls, OR; Everett, WA; Seattle, WA; Renton, WA
- **WE2XQP THE BOEING COMPANY 0152-EX-PL-2008**  
New experimental to operate on 1090 MHz for testing traffic alert/collision avoidance system.  
Fixed: Mansfield, WA; Glasgow, MT
- **WE2XOG HAND HELD PRODUCTS INC. 0433-EX-PL-2007**  
New experimental to operate on 1575.42 MHz to test GPS navigation systems built into portable data terminals.  
Fixed: Skaneateles Falls (Onondaga), NY; Fort Mills (Lancaster), SC

- **WE2XUM NEW ICO SATELLITE SERVICES GP 0285-EX-PL-2008**  
 New experimental to operate in 2000-2020 MHz to test mobile earth terminals to validate performance in connection with planned mobile satellite services and ancillary terrestrial component operations.  
 Mobile: Clark County, NV
- **WE2XOC GENERAL DYNAMICS ARMAMENT AND TECHNICAL PRODUCTS, INC. 0175-EX-PL-2007**  
 New experimental to operate in 2000-6000 MHz and 9000-10500 MHz for radiated testing for the development, manufacture and acceptance testing of military and commercial radomes.  
 Fixed: Marion (Smyth), VA
- **WE2XTP BOOZ ALLEN HAMILTON 0320-EX-PL-2008**  
 New experimental to operate in 2500-2650 MHz for evaluating the effectiveness and war fighter utility of delivering broadband services through hybrid two-way communications architecture.  
 Mobile: AFB, FL
- **WE2XTN NORTEL NETWORKS, INC. 0305-EX-PL-2008**  
 New experimental to operate in 2500-2690 MHz and 3400-3600 MHz to test WiMAX, core backhaul, application servers and MIMO OFDMA.  
 Mobile: Richardson (Dallas), TX
- **WE2XTO HARRIS CORPORATION 0123-EX-PL-2008**  
 New experimental to operate in 4400-4990 MHz for application support and testing of Broadband Ethernet Radio under US Army contract.  
 Fixed & Mobile: Rochester (Monroe), NY
- **WE2XSK MUSTANG TECHNOLOGY GROUP, LP 0155-EX-PL-2008**  
 New experimental to operate in 5250-5600 MHz and 5650-5900 MHz to test radar prototypes for the MTI scout project.  
 Mobile: Lake Texoma and Galveston, TX
- **WE2XSY SYSTEM DEVELOPMENT.INTEGRATION, LLC 0245-EX-PL-2008**  
 New experimental to operate in 5470-5725 MHz to provide high-speed wireless data services to educational facilities in conjunction with the USVI Department of Education (VIDOE).  
 Fixed: St. Thomas and St. Croix, VI;
- **WE2XNA ADVANCED RADAR CORPORATION 0621-EX-PL-2007**  
 New experimental to operate in 5600-5650 MHz to test radar transmit and receive products built by Advance Radar Corp. (ARC).  
 Fixed: Boulder (Boulder), CO
- **WE2XNC DMT, LLC 0670-EX-PL-2007**  
 New experimental to operate on 9227.50 MHz for testing to enhance performance of radar detection for enhanced security purposes.  
 Mobile: Nationwide
- **WE2XSW DETECT, INC. 0239-EX-PL-2008**  
 New experimental to operate in 9300-9500 MHz for development of x-band environmental profiling radars.  
 Mobile: Longmont, CO
- **WE2XQD LOCKHEED MARTIN CORPORATION 0137-EX-PL-2008**  
 New experimental to operate in 14.00-14.50 GHz for test and demonstration of antenna to track satellite while on a mobile platform.  
 Mobile: Gaithersburg, Maryland; Suffolk, VA; Indian Springs, NV; Redondo Beach, CA; Hanscom AFB, MA; Fort Bragg, NC; Fort Benning, GA; Fort Gordon, GA; Sunnyvale (Santa Clara), CA; Fort Worth (Tarrant), TX
- **WE2XRZ MARSHALL COMMUNICATIONS CORPORATION 0207-EX-PL-2008**  
 New experimental to operate in 14.2-14.4 GHz for testing equipment for a regenerative DVB-RCS payload, as required by a US Government contract.  
 Fixed: Hagerstown (Frederick), MD; Ashburn (Loudoun), VA; Herndon (Fairfax), VA; Suffolk, VA; Tampa, FL; St. Louis, IL; Camden, NJ

- **WE2XUA MARSHALL COMMUNICATIONS CORPORATION 0349-EX-PL-2008**  
New experimental to operate in 14.2-14.4 GHz for testing equipment for a regenerative DVB-RCS payload  
Fixed: Ashburn (Loudoun), VA
- **WE2XTQ AMPHITECH SYSTEMS INC. DOING BUSINESS AS ICX RADAR SYSTEMS 0309-EX-PL-2008**  
New experimental to operate in the 35 GHz band for demonstrations of radar.  
Mobile: Various locations within the US.
- **WE2XTR FUJITSU TEN LIMITED 0316-EX-PL-2008**  
New experimental to operate in 76-77 GHz for testing Millimeter-wave radars.  
Mobile: Ann Arbor, MI